



**METROPOLITAN  
TRANSPORTATION  
COMMISSION**

Joseph P. Bort MetroCenter  
101 Eighth Street  
Oakland, CA 94607-4700  
TEL 510.817.5700  
TDD/TTY 510.817.5769  
FAX 510.817.5848  
E-MAIL [info@mtc.ca.gov](mailto:info@mtc.ca.gov)  
WEB [www.mtc.ca.gov](http://www.mtc.ca.gov)

## *Memorandum*

TO: Administration Committee

DATE: December 2, 2009

FR: Executive Director

W. I. 1122

RE: Contract Amendment – Travel Model Specification and Training Study: pbConsult, Inc.

Staff requests this Committee to authorize a contract amendment to add \$366,000 to the pbConsult contract for continuing on-call support in the calibration and validation of MTC's activity-based travel demand models.

### **Background**

MTC is planning a significant upgrade to the agency's travel demand model system to include state-of-the-art activity-based models. This new model development was planned as a three-phase effort, with Phase I to include the training of MTC staff in advanced statistical procedures, and for the consultant to prepare a master specification plan for the new model system. Phase I also included implementation of "trip chaining" procedures, and the development of population microsimulation models in cooperation with the San Francisco County Transportation Authority (SFCTA). In July 2005, following a competitive procurement process, the Administration Committee authorized award of a contract in the amount of \$250,000 to pbConsult, Inc. to implement Phase I.

This Committee approved an additional \$250,000 in July 2007 to complete Phase II, which is drawing to a close at the end of this calendar year. That Phase includes estimation of all new component models and additional computer programming.

The Phase III effort, which is the subject of this contract amendment will complete the calibration and validation of the new activity-based model, and start to build its credibility for regional Express Lanes forecasting, RTP analyses and other regional and subregional planning projects. We anticipate that the Phase III work will be completed by 2010.

### **Recommendation**

Staff recommends that this Committee authorize the Executive Director or his designee to negotiate and enter into a contract amendment with pbConsult, Inc. in an amount not to exceed \$366,000 to implement Phase III of the MTC Travel Model Development Project.

---

Steve Heminger

## REQUEST FOR COMMITTEE APPROVAL

### Summary of Proposed Consultant Contract Amendment

Work Item No.:	1122
Consultant:	pbConsult, Inc. San Francisco, CA
Work Project Title:	Travel Model Specification and Training Study
Purpose of Project:	Consultant will assist MTC in model calibration and testing of MTC Travel Models
Brief Scope of Work:	Consultant will provide oversight to MTC model calibration, validation and scenario testing into a working travel model system
Project Cost Not to Exceed:	\$366,000 amendment (Prior Contract \$500,000)
Funding Source:	MTC TDA and Federal PL Funds
Fiscal Impact:	Available from FYs 2009-10 Agency Budget
Motion by Committee:	That the Executive Director or his designated representative is authorized to negotiate and enter into a contract amendment with pbConsult to assist in Phase III of the Travel Model Specification and Training Study, and the Chief Financial Officer is directed to set aside funds up to \$366,000 for such contract amendment.
Administration Committee:	<hr/> Dave Cortese, Vice Chair
Approved:	Date: December 9, 2009